Faculty Research Spotlight

Dr. Stacey Daughters, an associate professor in the clinical program, recently completed a pilot study testing a smartphone enhanced version of LETS ACT, a behavioral activation treatment for substance use. Because treatment engagement outside of therapy sessions is low among substance users, Dr. Daughters’ team has developed a web-based app that will reinforce responses to non-substance related rewards. Study participants were provided a smart phone pre-loaded with the app, which sends text reminders, tracks progress and moods, and asks the user to check in each day. Dr. Daughters hopes to build out the app so that it might one day be a used as a standalone tool for addiction treatment.
Congratulations to **Dr. Carol Cheatham** who recently received the National TRIO Achiever's Award at the Council for Opportunity in Education's 33rd Annual Conference Gala.

Congratulations to **Dr. Peter Gordon** and **Renske Hoedemaker**, whose article “It takes time to prime: Semantic priming in the ocular lexical decision task” was selected by APA for mention in Particularly Exciting Experiments in Psychology (PeePs).

Congratulations to **Melanie Fischer**, who received the American Psychological Association (APA) Dissertation Research Award. The purpose of this award is to assist science-oriented doctoral students of psychology with research costs.

**STUDENT SPOTLIGHT**

Daniel Barrus is a senior working with Dr. Don Lysle in the Behavioral Neuroscience program. He works with an animal model of Post-Traumatic Stress Disorder known as Stress-Enhanced Fear Learning. This model focuses on the generalization of a trauma to a distinct, nonthreatening environment that occurs in PTSD. This year, he is completing an honors thesis examining the specific role of hippocampal astrocytes in this maladaptive fear learning process. The project is a unique blend of behavior and technology, using Designer Receptors Exclusively Activated by Designer Drugs (DREADDs), which are pharmacogenetically altered receptors that allow for precise control of the brain’s astrocyte activity. Before getting involved in research, Daniel thought that most of the work he’d be doing would be menial tasks like washing dishes or entering data into spreadsheets. However, he’s gotten to be actively involved in research, including being trained to do surgeries, perform various assays, and conduct experimental procedures.
### December Departmental Events

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<td>Quantitative Forum</td>
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<td>Davie 302, 12—1 PM</td>
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<td>Developmental Lunch</td>
<td>12/3</td>
<td>Judith Meece, UNC—School of Education</td>
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Facility for Developmental Science

Mondays, 2—3:30 PM in CDS 2nd floor conference room

12/1
Dr. Jill Hamm, UNC-CH

Faculty Research Opportunities (NSF)

Social Psychology
PD-98-1332
Application Due Date: 01/15/15

Developmental and Learning Sciences
PD-08-1698
Application Due Date: 01/15/15

Decision, Risk and Management Sciences (DRMS)
PD 98-1321
Application Due Date: 01/18/15

Methodology, Measurement, and Statistics (MMS)
12-510
Application Due Date: 01/29/15

Perception, Action & Cognition
PD 09-7252
Application Proposal Window: 01/15/15 to 02/02/15 (Research Proposals)
Application Proposal Window: 04/01/15 to 04/15/15 (Workshops and Conferences)

Science of Organizations (SoO)
PD 11-8031
Application Due Date: 02/01/15

Faculty Research Opportunities (NIH)

Mechanistic Studies of Pain and Alcohol Dependence
National Institute on Alcohol Abuse and Alcoholism
National Institute on Drug Abuse
PA-15-026 (R01)
Application Due Date: Standard due dates apply

BRAIN Initiative: Planning for Next Generation Human Brain Imaging (R24)
National Institute of Mental Health
National Center for Complementary and Alternative Medicine
National Eye Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Neurological Disorders and Stroke
RFA-MH-15-200 (R24)
Letter of Intent Due Date: 02/18/15
Application Due Date: 03/18/15

BRAIN Initiative: New Technologies and Novel Approaches for Large-Scale Recording and Modulation in the Nervous System
National Institute of Neurological Disorders and Stroke
National Center for Complementary and Alternative Medicine
National Eye Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Mental Health
RFA-NS-15-003 (U01)
Letter of Intent Due Date: 01/10/15
Application Due Date: 02/10/15
Faculty Research Opportunities (NIH cont.)

BRAIN Initiative: Optimization of Transformative Technologies for Large Scale Recording and Modulation in the Nervous System
National Institute of Neurological Disorders and Stroke
National Center for Complementary and Alternative Medicine
National Eye Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Mental Health
RFA-NS-15-004 (U01)
Letter of Intent Due Date: 01/10/15 / Application Due Date: 02/10/15

BRAIN Initiative: Integrated Approaches to Understanding Circuit Function in the Nervous System
National Institute of Neurological Disorders and Stroke
National Center for Complementary and Alternative Medicine
National Eye Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Mental Health
RFA-NS-15-005 (U01)
Letter of Intent Due Date: 01/10/15 / Application Due Date: 02/10/15

Building Interdisciplinary Research Careers in Women’s Health
Division of Program Coordination, Planning and Strategic Initiatives
Office of Research on Women’s Health
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Aging
National Institute of Allergy and Infectious Diseases
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Institute on Drug Abuse
National Institute of Dental and Craniofacial Research
National Institute of Environmental Health Sciences
RFA-OD-15-001 (K12)
Letter of Intent Due Date: 12/05/14 / Application Due Date: 01/05/14

Administrative Supplements for Research on Sex/Gender Differences
Many Institutes – See Program Announcement
PA-15-034 (Administrative Supplement)

Application Due Date: 01/12/15

Epidemiology of Drug Abuse
National Institute on Drug Abuse
PA-15-001 (R21)
PA-15-002 (R03)
PA-15-003 (R01)

Application Due Date: Standard due dates apply

Biobehavioral and Technological Interventions to Attenuate Cognitive Decline in Individuals with Cognitive Impairment or Dementia
National Institute of Nursing Research
National Institute on Aging
PA-15-015 (R21)
PA-15-016 (R15)
PA-15-017 (R01)

Application Due Date: Standard due dates apply

Women & Sex/Gender Differences in Drug and Alcohol Abuse/Dependence
National Institute on Drug Abuse
National Institute on Alcohol Abuse and Alcoholism
PA-14-036 (R21)
PA-14-037 (R03)
PA-14-038 (R01)

Application Due Date: Standard due dates apply
Faculty Research Opportunities (NIH Cont.)

Modeling Social Behavior (R01)
National Cancer Institute
National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute of General Medical Sciences
National Institute of Mental Health
National Center for Complementary and Alternative Medicine
PAR-13-374
Application Due Date: Standard due dates apply

Neuroscience Research on Drug Abuse
National Institute on Drug Abuse
PA-13-338 (R01)
PA-13-337 (R21)
PA-13-336 (R03)
Application Due Date: Standard due dates apply

Behavioral Science Track Award for Rapid Transition (B/START) (R03)
PAR-12-251
National Institute on Drug Abuse
Application Due Date: Standard due dates apply

Implication of New Digital Media Use for Underage Drinking, Drinking-Related Behaviors, and Prevention Research
National Institute on Alcohol Abuse and Alcoholism
PA-13-262 (R01)
PA-13-263 (R21)
Application Due Date: Standard due dates apply

Research Short Courses (R25)
Eunice Kennedy Shriver National Institute for Child Health and Human Development
PA-12-207
Application Due Date: Standard due dates apply

Effects of Cannabis Use and Cannabinoids on the Developing Brain
National Institute on Drug Abuse
PA-14-163 (R01)
PA-14-162 (R21)
PA-14-164 (R03)
Application Due Date: Standard due dates apply

Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents
National Institute of Nursing Research
Office of Behavioral and Social Sciences Research
PA-14-177 (R01)
PA-14-176 (R21)
Application Due Date: Standard due dates apply

Clinical Studies of Mental Illness Not Involving Treatment Development, Efficacy, or Effectiveness Trials
National Institute of Mental Health
PAR-14-165 (Collaborative R01)
Application Due Date: Standard due dates apply

Lab to Marketplace: Tools for Brain and Behavioral Research
National Institute of Mental Health
National Institute of Deafness and Other Communication Disorders
PA-14-250 (R43/R44)
Application Due Date: Standard due dates apply

Understanding Factors in Infancy and Early Childhood (Birth to 24 months) That Influence Obesity Development
National Institute of Diabetes and Digestive and Kidney Diseases
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Office of Behavioral and Social Sciences Research
National Institute on Minority Health and Health Disparities
PAR-14-323 (R01)
Application Due Date: Standard due dates apply

Notice of Information on High-Priority Research Areas to Understand and Reduce Mental Health Disparities
National Institutes of Mental Health
NOT-MH-14-033 (R01, R21, and other opportunities)
Application Due Date: Standard due dates apply

Exploratory Studies of Smoking Cessation Interventions for People with Schizophrenia
National Institute on Drug Abuse
National Institute of Mental Health
National Cancer Institute
National Institute on Alcohol Abuse and Alcoholism
PAR-14-230 (R21/R33)
Application Due Date: 12/16/14, plus additional deadlines through 2017
**Faculty Research Opportunities (NIH Cont.)**

- **Advancing Interventions to Improve Medication Adherence**  
  Office of Behavioral and Social Sciences Research  
  National Eye Institute  
  National Heart, Lung, and Blood Institute  
  National Institute on Alcohol Abuse and Alcoholism  
  National Institute on Deafness and Other Communication Disorders  
  National Institute of Mental Health  
  National Institute of Nursing Research  
  National Institute on Drug Abuse  
  National Cancer Institute  
  **PA-14-335** (R21)  
  **Application Due Date:** [Standard due dates apply](#)  
  **(First due date: 02/16/15)**

- **Confirmatory Efficacy Clinical Trials of Non-Pharmacological Interventions for Mental Disorders**  
  National Institute of Mental Health  
  **RFA-MH-15-340** (R01)  
  **Application Due Date:** 02/18/15

- **Psychosocial and Behavioral Aspects of Bariatric Surgery**  
  National Institute of Diabetes and Digestive and Kidney Diseases  
  **RFA-DK-14-026** (R01)  
  **Letter of Intent Due Date:** 03/16/15

**Faculty Research Opportunities (Other)**

- **Henry P. David Grants for Research And International Travel in Human Reproductive Behavior and Population Studies**  
  [APF Guidelines Here](#)  
  **Application Due Date:** 02/15/15

- **APA Esther Katz Rosen Fund Grants**  
  [APF Guidelines Here](#)  
  **Application Due Date:** 03/01/15

- **Wayne F. Placek Grants**  
  [APF Guidelines Here](#)  
  **Application Due Date:** 03/01/15

- **The Drs. Rosalee G. and Raymond A. Weiss Research and Program Innovation Grants**  
  [APF Guidelines Here](#)  
  **Application Due Date:** 04/01/15

- **APF Visionary Grants**  
  [APF Guidelines Here](#)  
  **Application Due Date:** 04/01/15

- **David H. and Beverly A. Barlow Grant**  
  [APF Guidelines Here](#)  
  **Application Due Date:** 04/01/15
GRADUATE STUDENTS & POSTDOCTORAL SCHOLARS

Ruth L. Kirschstein National Research Service Awards (NRSA)
Check guidelines for list of participating institutes
PA-14-147 (F-31 Predoctoral)
PA-14-148 (F-31D Predoctoral Diversity)
PA-14-149 (F-32 Postdoctoral)
Application Due Date: **Standard due dates apply**

Aging Research Dissertation Awards to Increase Diversity (R36)
National Institute on Aging
PAR-13-152
Application Due Date: **Standard due dates apply**

NIH Pathway to Independence Award (K99/R00)
Check guidelines for list of participating institutes
PA-14-042
Application Due Date: **Standard due dates apply**

Drug Abuse Dissertation Research (R36)
National Institute on Drug Abuse
PAR-13-182
Application Due Date: **Standard due dates apply**

APA Predoctoral Fellowship in Mental Health and Substance Abuse Services Program
APA Guidelines Here
Application Due Date: 01/15/15

ECP / Graduate Student Scholar Awards
APA Guidelines Here
Application Due Date: 01/09/15

Dissertation Research Grant in Developmental Psychology
APA Guidelines Here
Application Due Date: 03/15/15

Society for the Advancement of Behavior Analysis Grants
Sidney W. and Janet R. Bijou Grant
Innovative Student Research Grant
International Development Grant
Application Due Dates: 01/10/15

Pearson Early Career Grant
APF Guidelines Here
Application Due Date: 12/31/14

Randy Gerson Memorial Grant
APF Guidelines Here
Application Due Date: 02/01/15

Henry P. David Grants for Research and International Travel in Human Reproductive Behavior and Population Studies
APF Guidelines Here
Application Due Date: 02/15/15

Esther Katz Rosen Fund Grants
APF Guidelines Here
Application Due Date: 03/01/15

If you are interested in applying for any of these opportunities, please contact Grants Management Officer (GMO), Phil Lee (palee@email.unc.edu).

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Standard NIH due dates for all activity codes including new submissions, renewals, and resubmissions can be found [here](#).